Listing of the Claims

This listing of claims will replace all prior versions, and listings, of claims in

the application.

1. (Currently amended) A method for reducing insulin and/or glucose plasma

levels in a subject afflicted with diabetes, comprising administering to the subject

an effective amount of dried Dunaliella Dunaliella algae, thereby reducing the

subject's plasma insulin and/or glucose plasma levels.

2. (Cancelled)

3. (Currently amended) The method according to claim 1 wherein the dried

Dunaliella Dunaliella algae is administered together with one or more activators

of nuclear receptors.

4. (Original) The method according to Claim 3 wherein the activators of nuclear

receptors are peroxisome proliferator-activated receptor  $\alpha$  or  $\gamma$  (PPAR $\alpha$  or

PPAR<sub>γ</sub>) agonists.

5. (Previously presented) The method according to Claim 4 wherein the PPARa

or PPARy agonists are selected from the group consisting of fibrates and

thiazolidinediones.

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6. (Previously presented) The method according to Claim 5 wherein the fibrates are selected from the group consisting of clofibrate, fenofibrate, bezafibrate, ciprofibrate, beclofibrate, and gemfibrozil.

7. (Previously presented) The method according to Claim 5 wherein the thiazolidinediones are selected from the group consisting of troglitazone, BRL 49653, pioglitazone, ciglitazone, WAY-120,744, englitazone, AD 5075, darglitazone, and rosiglitazone.

8. (Currently amended) The method according to Claim 1 wherein the dried Dunaliella Dunaliella algae is administered orally.

9. (Currently amended) The method according to Claim 1 wherein the dried Dunaliella Dunaliella algae is obtained from Dunaliella bardawil Dunaliella bardawil.

10. (Previously presented) The method according to Claim 1, wherein the dried Dunaliella Dunaliella algae is encapsulated.

11-27. (Cancelled)

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- 28. (Currently amended) The method according to claim 1, wherein the dried Dunaliella Dunaliella algae comprises β-carotene.
- 29. (Previously presented) The method according to claim 28, wherein the  $\beta$ -carotene comprises 9-cis  $\beta$ -carotene.
- 30. (Previously presented) The method according to claim 28, wherein the  $\beta$ -carotene comprises an approximately 1:1 ratio of all-trans  $\beta$ -carotene and 9-cis  $\beta$ -carotene.